

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2232	(118/723e.ccls. or 118/723er.ccls. or 156/345.43-345.47.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/20 17:09
L2	783	1 and (((upper and lower) or (first or second)) adj1 (electrode))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/20 10:42
L3	696	1 and (((upper and lower) or (first and second)) adj1 (electrode))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/20 09:46
L4	0	3 and ((electrode) with (bolt or screw))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/20 09:00
L5	82	3 and ((electrode) with (bolt or screw))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/20 13:25
L6	1	("6197151").PN. OR ("6664496").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/20 09:33
L7	4	((("4270999") or ("4761269")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/11/20 09:34
L8	7	1 and (((upper and lower) or (first and second)) and (electrode)) and (wafer or substrate)	EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/20 09:48
L9	3	1 and electrodes and (wafer or substrate) and (bolt or screw)	EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/20 09:48
L10	76095	(((upper and lower) or (first or second)) adj1 (electrode)) and (wafer or substrate) not 4-9	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/20 10:43
L11	62958	(((upper and lower) or (first and second)) adj1 (electrode)) and (wafer or substrate) not 4-9	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/20 10:43
L12	18569	11 and plasma	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/20 10:43
L13	399	12 and (electrode same (screw or bolt))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/20 11:58
L14	8	((("6,334,983") or ("4,134,805") or ("6,258,204")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/11/20 12:00

# EAST Search History

L15	4	((("5,679,431") or ("20050279731")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/11/20 12:01
L16	64	(US-20030185729-\$ or US-20050011446-\$ or US-20040020429-\$ or US-20020150519-\$ or US-20020108711-\$ or US-20030029567-\$ or US-20020124801-\$ or US-20050000442-\$).did. or (US-6966562-\$ or US-6561523-\$ or US-5013194-\$ or US-4900202-\$ or US-4577875-\$ or US-5662442-\$ or US-3684303-\$ or US-3152811-\$ or US-5746875-\$ or US-6123775-\$ or US-4612077-\$ or US-5783023-\$ or US-5589002-\$ or US-6110287-\$ or US-6251758-\$ or US-6866744-\$ or US-6066209-\$ or US-6082714-\$ or US-6962664-\$ or US-6926803-\$ or US-6910441-\$ or US-6863784-\$ or US-6686302-\$ or US-6492774-\$ or US-6412437-\$ or US-6178919-\$).did. or (US-6019060-\$ or US-5816986-\$ or US-5464229-\$ or US-5433784-\$ or US-5354413-\$ or US-6899786-\$ or US-6936135-\$ or US-6818096-\$ or US-6669811-\$ or US-5110437-\$ or US-5845898-\$ or US-5534751-\$ or US-5423936-\$ or US-4522697-\$ or US-5332443-\$ or US-5262029-\$ or US-4523985-\$ or US-6110556-\$ or US-5766364-\$ or US-6036782-\$ or US-6664496-\$ or US-4585920-\$ or US-5449410-\$ or US-6984288-\$).did. or (GB-2137122-\$ or WO-2004099462-\$).did. or (JP-2001127046-\$ or JP-2003303816-\$).did. or (WO-2004099462-\$ or SU-906648-\$).did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/20 12:23
L17	50	16 and (screw or bolt)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/20 12:23
L18	11	("5766364"   "5785796").PN. OR ("6036782").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/20 12:27
L19	16	("20010016364"   "5000113"   "5273588"   "5449410"   "5581874"   "5866213"   "5906683"   "6019848"   "6036782"   "6051286"   "6079356"   "6086677"   "6270859"   "6302964").PN. OR ("6461435").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/20 12:28
L20	11	("5766364"   "5785796").PN. OR ("6036782").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/20 12:39
L21	28	("20010031557"   "20030132319"   "4877757"   "4891488"   "4904621"   "4988533"   "5091217"   "5273588"   "5569356"   "5680013"   "5882411"   "5903009"   "6036782"   "6037001"   "6050216"   "6051286"   "6066196"   "6073577"   "6079356"   "6148765"   "6170432"   "6176978"   "6194322"   "6237528"   "6289842"   "6302964"   "6477980").PN. OR ("6827815").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/20 12:40
L22	5	("5387777"   "5795399"   "6214706"   "6427622").PN. OR ("6866744").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/20 13:13
L23	10	((("20030047282") or ("20020092471") or ("6,364,949") or ("6,197,151") or ("5,595,606")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/11/20 13:13
L24	390	1 and (bolt or screw) not 5	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/20 13:49
L25	0	"58844009".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/20 13:49
L26	2	"5884009".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/20 13:49

## EAST Search History

L27	8	("5003152" "5487875" "5741364").PN. OR ("6286454").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/20 14:54
L28	5	("4986890" "5651867" "5965250" "6462482" "6669811").PN. OR ("6806653").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/20 15:14
L29	2	("20030141795").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/11/20 15:14
L30	5	("4986890" "5651867" "5965250" "6462482" "6669811").PN. OR ("6806653").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/20 15:48
L31	1	"3684303".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/20 16:41
L32	9	((("5766364") or ("3684303") or ("5680013") or ("6686302"))).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/11/20 16:42
L33	1	32 and seal	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/20 16:47
L34	2	"5766364".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/20 16:47
L35	73	(US-20030185729-\$ or US-20050011446-\$ or US-20040020429-\$ or US-20020150519-\$ or US-20020108711-\$ or US-20030029567-\$ or US-20020124801-\$ or US-20050000442-\$ or US-20030141795-\$).did. or (US-6966562-\$ or US-6561523-\$ or US-5013194-\$ or US-4900202-\$ or US-4577875-\$ or US-5662442-\$ or US-3684303-\$ or US-3152811-\$ or US-5746875-\$ or US-6123775-\$ or US-4612077-\$ or US-5783023-\$ or US-5589002-\$ or US-6110287-\$ or US-6251758-\$ or US-6866744-\$ or US-6066209-\$ or US-6082714-\$ or US-6962664-\$ or US-6926803-\$ or US-6910441-\$ or US-6863784-\$ or US-6686302-\$ or US-6492774-\$ or US-6412437-\$ or US-6178919-\$).did. or (US-6019060-\$ or US-5816986-\$ or US-5464229-\$ or US-5433784-\$ or US-5354413-\$ or US-6899786-\$ or US-6936135-\$ or US-6818096-\$ or US-6669811-\$ or US-5110437-\$ or US-5845898-\$ or US-5534751-\$ or US-5423936-\$ or US-4522697-\$ or US-5332443-\$ or US-5262029-\$ or US-4523985-\$ or US-6110556-\$ or US-5766364-\$ or US-6036782-\$ or US-6664496-\$ or US-4585920-\$ or US-5449410-\$ or US-6984288-\$ or US-6302964-\$ or US-5866213-\$ or US-5595606-\$).did. or (US-6096161-\$ or US-6286454-\$ or US-7115184-\$ or US-6638392-\$ or US-6806653-\$).did. or (GB-2137122-\$ or WO-2004099462-\$).did. or (JP-2001127046-\$ or JP-2003303816-\$).did. or (WO-2004099462-\$ or SU-906648-\$).did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/20 16:49
L36	3	"3684303".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/20 16:50
L37	67	(118/723e.ccls. or 118/723er.ccls. or 156/345.43-345.47.ccls.) and (seal with (between and electrodes))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/20 17:15
L38	9	(118/723e.ccls. or 118/723er.ccls. or 156/345.43-345.47.ccls.) and ((compress\$4 and seal) with (electrodes))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/20 17:31

## EAST Search History

L39	7	((("6806653") or ("3684303") or ("5628829"))).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/11/20 17:31
S31	29533	(118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.26.ccls. or 156/345.51.ccls.) or (137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561r.ccls. or 137/561a.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.) or (141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54.ccls. or 141/301-302.ccls. or 141/367.ccls.) or (261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.) or (261/19-22.ccls. or 261/23.1.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63.ccls.) or (261/64.1.ccls. or 261/65.ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/05/30 20:47
S34	7874	137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561r.ccls. or 137/561a.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/06/21 14:03
S35	2413	141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54.ccls. or 141/301-302.ccls. or 141/367.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/06/21 14:03
S36	471	261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/06/21 14:03
S37	2607	261/19-22.ccls. or 261/23.1.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/06/21 14:03
S38	7161	261/64.1.ccls. or 261/65.ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/06/21 14:03
S39	29603	(118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.26.ccls. or 156/345.51.ccls.) or (137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561r.ccls. or 137/561a.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.) or (141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54.ccls. or 141/301-302.ccls. or 141/367.ccls.) or (261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.) or (261/19-22.ccls. or 261/23.1.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63.ccls.) or (261/64.1.ccls. or 261/65.ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/06/21 14:03
S40	2013	(118/723e.ccls. or 118/723er.ccls. or 156/345.43-345.47.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/07/23 15:04
S41	9736	118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.26.ccls. or 156/345.51.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/06/21 14:03
S42	7874	137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561r.ccls. or 137/561a.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/06/21 14:03

## EAST Search History

S43	2413	141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54.ccls. or 141/301-302.ccls. or 141/367.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/06/21 14:03
S44	471	261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/06/21 14:03
S45	2607	261/19-22.ccls. or 261/23.1.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/06/21 14:03
S46	7161	261/64.1.ccls. or 261/65.ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/06/21 14:03
S47	29603	(118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.26.ccls. or 156/345.51.ccls.) or (137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561r.ccls. or 137/561a.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.) or (141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54.ccls. or 141/301-302.ccls. or 141/367.ccls.) or (261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.) or (261/19-22.ccls. or 261/23.1.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63.ccls.) or (261/64.1.ccls. or 261/65.ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/06/21 14:03
S48	31053	S40 or S47	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/06/21 14:03
S49	2013	(118/723e.ccls. or 118/723er.ccls. or 156/345.43-345.47.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/06/21 14:03
S50	29603	(118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.26.ccls. or 156/345.51.ccls.) or (137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561r.ccls. or 137/561a.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.) or (141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54.ccls. or 141/301-302.ccls. or 141/367.ccls.) or (261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.) or (261/19-22.ccls. or 261/23.1.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63.ccls.) or (261/64.1.ccls. or 261/65.ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/06/21 14:03
S51	30050	(118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.26.ccls. or 156/345.51.ccls.) or (137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561r.ccls. or 137/561a.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.) or (141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54.ccls. or 141/301-302.ccls. or 141/367.ccls.) or (261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.) or (261/19-22.ccls. or 261/23.1.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63.ccls.) or (261/64.1.ccls. or 261/65.ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/01/03 08:57
S52	7932	137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561r.ccls. or 137/561a.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/01/03 08:57

## EAST Search History

S53	2445	141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54.ccls. or 141/301-302.ccls. or 141/367.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/01/03 08:57
S54	477	261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/01/03 08:57
S55	2612	261/19-22.ccls. or 261/23.1.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/01/03 08:57
S56	7191	261/64.1.ccls. or 261/65.ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/01/03 08:57
S57	30050	(118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.26.ccls. or 156/345.51.ccls.) or (137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561r.ccls. or 137/561a.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.) or (141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54.ccls. or 141/301-302.ccls. or 141/367.ccls.) or (261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.) or (261/19-22.ccls. or 261/23.1.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63.ccls.) or (261/64.1.ccls. or 261/65.ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/01/03 08:57
S58	2094	(118/723e.ccls. or 118/723er.ccls. or 156/345.43-345.47.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/01/03 08:57
S59	10056	118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.26.ccls. or 156/345.51.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/01/03 08:57
S60	7932	137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561r.ccls. or 137/561a.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/01/03 08:57
S61	2445	141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54.ccls. or 141/301-302.ccls. or 141/367.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/01/03 08:57
S62	477	261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/01/03 08:57
S63	2612	261/19-22.ccls. or 261/23.1.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/01/03 08:57
S64	7191	261/64.1.ccls. or 261/65.ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/01/03 08:57

# EAST Search History

S65	30050	(118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.26.ccls. or 156/345.51.ccls.) or (137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561r.ccls. or 137/561a.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.) or (141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54.ccls. or 141/301-302.ccls. or 141/367.ccls.) or (261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.) or (261/19-22.ccls. or 261/23.1.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63.ccls.) or (261/64.1.ccls. or 261/65.ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/01/03 08:57
S66	31562	S58 or S65	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/01/03 08:57
S67	2094	(118/723e.ccls. or 118/723er.ccls. or 156/345.43-345.47.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/16 15:07
S68	30050	(118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.26.ccls. or 156/345.51.ccls.) or (137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561r.ccls. or 137/561a.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.) or (141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54.ccls. or 141/301-302.ccls. or 141/367.ccls.) or (261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.) or (261/19-22.ccls. or 261/23.1.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63.ccls.) or (261/64.1.ccls. or 261/65.ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/01/03 08:57
S69	2	("20040250766").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/01/03 09:02
S70	2094	118/723e.ccls. or 118/723er.ccls. or 156/345.43-345.47.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/01/03 09:03
S71	31562	S68 or S70	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/01/03 09:18
S72	31926	S71 or 279/9.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/01/03 09:18
S73	102	S72 and ((pin or shaft) with (spring and ball))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/01/03 09:19
S74	142	S72 and ((pin or shaft or rod) with (spring and ball))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/01/03 11:06
S75	22	S72 and (plates near4 locked)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/01/03 09:23

# EAST Search History

S76	25	("3856654" "3921788" "4311427").PN. OR ("4522697").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/03 09:36
S77	87	("4268374" "4282924" "4340462" "4367114" "4397724" "4473455" "4508161" "4512841" "4522697" "4603466" "4657617" "4671204").PN. OR ("5262029").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/03 09:38
S78	87	("4268374" "4282924" "4340462" "4367114" "4397724" "4473455" "4508161" "4512841" "4522697" "4603466" "4657617" "4671204").PN. OR ("5262029").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/03 11:01
S79	3	((("6,412,437") or ("6,086,710") or ("5,423,936"))).PN.	USPAT	OR	OFF	2006/01/03 11:01
S80	3	(US-4522697-\$ or US-4523985-\$ or US-5262029-\$).did.	USPAT	OR	ON	2006/01/03 11:02
S81	1270	S72 and ((pin or shaft or rod) with (lock\$3 or fix\$3)) not S74	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/01/03 11:09
S82	579	S81 and (wafer or substrate or article or semiconductor)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/01/03 12:37
S83	2	((("5422139") or ("4612077"))).PN.	USPAT	OR	OFF	2006/01/03 13:00
S85	87	S72 and (lock\$3 adj1 (pin or rod or shaft))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/01/03 13:01
S86	12	("20020121500" "20030029567" "5534751" "5998932" "6019060" "6178919" "6350317" "6416084" "6492774" "6527911" "6602381" "6744212").PN. OR ("6936135").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/03 17:05
S87	14	("5534751").PN. OR ("6019060").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/03 17:13
S88	1	"6019060".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/03 17:13
S89	14	("5534751").PN. OR ("6019060").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/03 17:20
S90	173	ball-lock	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/01/08 13:22
S91	3	((("6412437") or ("6086710") or ("5423936"))).PN.	USPAT	OR	OFF	2006/01/08 17:21
S92	4	("5074456" "6073577" "6123775").PN. OR ("6412437").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/08 13:23
S93	122	("0031755" "0093108" "0913059" "0914255" "1043114" "1353299" "1509061" "1602708" "1642490" "2172070" "2413422" "2472392" "2613941" "2615721" "2619357" "2736562" "2767992" "2807473" "2926020" "2987334" "3184020" "3251605" "3255792" "3367727" "3436086" "3462164" "3489191" "3521895" "3583715" "3599996" "3652099" "3735993" "3811361" "3851890" "3893677" "3945653" "3945751" "3947047" "4002348" "4032163" "4041729" "4067424" "4184692" "4202557" "4209182" "4234277" "4252333" "4275893" "4290617" "4305597" "4395051" "4434859" "4547105" "4577875" "4588335" "4599019" "4604010" "4692073" "4900202" "5009440" "5011344" "5013194" "5096212" "5301961" "5354075").PN. OR ("5464229").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/08 13:35



## EAST Search History

S94	28	(US-20020124801-\$ or US-20030029567-\$ or US-20040020429-\$ or US-20050011446-\$).did. or (US-4522697-\$ or US-4523985-\$ or US-5262029-\$ or US-5332443-\$ or US-5433784-\$ or US-6019060-\$ or US-6178919-\$ or US-6492774-\$ or US-6910441-\$ or US-6936135-\$ or US-6412437-\$ or US-6086710-\$ or US-5423936-\$ or US-6123775-\$ or US-5464229-\$ or US-6966562-\$ or US-6561523-\$ or US-5013194-\$ or US-4900202-\$ or US-4577875-\$ or US-5845898-\$).did. or (WO-2004099462-\$).did. or (SU-906648-\$ or WO-2004099462-\$).did.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/01/08 14:05
S95	12	("20020121500" "20030029567" "5534751" "5998932" "6019060" "6178919" "6350317" "6416084" "6492774" "6527911" "6602381" "6744212").PN. OR ("6936135").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/08 14:07
S96	23	("4379743" "4478701" "4797054" "4851095" "4944860" "5110437" "5178739" "5284561" "5354413" "5534751" "5552124" "5651867" "5672882" "5730847" "5889248" "5961798" "6019060").PN. OR ("6350317").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/08 14:10
S97	19	("3941985" "4070578" "4114035" "4724322" "5132545" "5225830").PN. OR ("5354413").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/08 14:29
S98	1	"6818096"	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/08 14:34
S99	1	("20020108711").PN.	US-PGPUB	OR	OFF	2006/01/08 14:36
S100	4	((("6,302,964") or ("5,906,683") or ("5,423,936") or ("4,612,077"))).PN.	USPAT	OR	OFF	2006/01/08 14:39
S101	1	("20020150519").PN.	US-PGPUB	OR	OFF	2006/01/08 14:41
S102	1	("20040250766").PN.	US-PGPUB	OR	OFF	2006/01/08 15:41
S103	0	corrosion same (silicon and anodized and metallic and coat\$3 and (resistant adj1 steel))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/01/08 15:43
S104	0	corrosion.ti. and (silicon and anodized and metallic and coat\$3 and (resistant adj1 steel))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/01/08 15:43
S105	1	corrosion and (silicon and anodized and metallic and coat\$3 and (resistant adj1 steel))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/01/08 15:43
S106	7	corrosion and (silicon and anodized and coat\$3 and (resistant adj1 steel))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/01/08 15:45
S107	7	plasma and (silicon and anodized and coat\$3 and (resistant adj1 steel))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/01/08 15:46
S108	3624	CRES and plasma	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/01/08 15:49
S109	1	S108 and coat\$3 and silicon and anodiz\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/01/08 15:57
S110	7	S108 and coat\$3 and anodiz\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/01/08 15:55

## EAST Search History

S111	6	S108 and film and anodiz\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/01/08 15:55
S112	1	S108 and silicon and anodiz\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/01/08 15:57
S113	1319	S108 and silicon	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/01/08 15:57
S114	33	S113 and corrosion	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/01/08 16:06
S115	1	S113 and (corrosion with plasma)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/01/08 15:58
S116	3192	S108 and (wafer or substrate)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/01/08 16:23
S117	1266	S116 and silicon	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/01/08 16:07
S118	1097	S117 and aluminum	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/01/08 16:07
S119	2339	S108 and ((deteriora\$4 or degrada\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/01/08 16:08
S120	50	S108 and ((deteriora\$4 or degrada\$4) with plasma)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/01/08 16:10
S121	1	S120 not (protein)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/01/08 16:09
S122	151	zervigon.xa.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/01/08 16:10
S123	0	S122 and CRES	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/01/08 16:10

# EAST Search History

S124	142	CRES with steel	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/01/08 16:29
S125	14	(CRES same steel) not S124	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/01/08 16:22
S126	30	S116 and reactor	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/01/08 16:25
S127	13	CRES and plasma	EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/01/08 16:26
S128	2	Guenzer.att. and zervigon.xa.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/01/08 16:34
S129	686	"Applied Materials".asn. and corrosion	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/01/08 16:34
S130	111	S129 and silicon and anodiz\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/01/08 17:04
S131	826	CRES and ions and radicals	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/01/08 17:04
S132	24	S131 and reactor	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/01/08 17:06
S133	449	S131 and chamber	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/01/08 17:06
S134	344	S133 and plasma	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/01/08 17:07
S135	1	S134 not (blood or DNA or cell)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/01/08 17:07
S136	20	S131 not (blood or DNA or cell)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/01/08 17:07
S137	0	CRES with (attack and chemical)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/01/08 17:24

## EAST Search History

S138	0	CRES same (attack and chemical)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/01/08 17:21
S139	23	CRES same (protect)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/01/08 17:22
S140	45	CRES with protect\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/01/08 17:22
S141	17099	"corrosion resistant steel" with (attack and chemical)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/01/08 17:26
S142	1103	S141 and (wafer or substrate) and reactor	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/01/08 17:26
S143	540	S142 and plasma	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/01/08 17:25
S144	2748	"corrosion resistant steel"	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/01/08 17:26
S145	28	S144 and (wafer or substrate) and reactor	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/01/08 17:28
S146	8	S145 and plasma	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/01/08 17:28
S147	39	(US-20020124801-\$ or US-20030029567-\$ or US-20040020429-\$ or US-20050011446-\$ or US-20020108711-\$).did. or (US-4522697-\$ or US-4523985-\$ or US-5262029-\$ or US-5332443-\$ or US-5433784-\$ or US-6019060-\$ or US-6178919-\$ or US-6492774-\$ or US-6910441-\$ or US-6936135-\$ or US-6412437-\$ or US-6086710-\$ or US-5423936-\$ or US-6123775-\$ or US-5464229-\$ or US-6966562-\$ or US-6561523-\$ or US-5013194-\$ or US-4900202-\$ or US-4577875-\$ or US-5845898-\$ or US-6962664-\$ or US-6926803-\$ or US-6863784-\$ or US-6669811-\$ or US-5534751-\$).did. or (US-5354413-\$ or US-5110437-\$ or US-6818096-\$ or US-4612077-\$ or US-6686302-\$).did. or (WO-2004099462-\$).did. or (SU-906648-\$ or WO-2004099462-\$).did.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/01/08 17:34
S148	2	("20020150519").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/01/08 17:35

# EAST Search History

S149	40	(US-20020124801-\$ or US-20030029567-\$ or US-20040020429-\$ or US-20050011446-\$ or US-20020108711-\$ or US-20020150519-\$).did. or (US-4522697-\$ or US-4523985-\$ or US-5262029-\$ or US-5332443-\$ or US-5433784-\$ or US-6019060-\$ or US-6178919-\$ or US-6492774-\$ or US-6910441-\$ or US-6936135-\$ or US-6412437-\$ or US-6086710-\$ or US-5423936-\$ or US-6123775-\$ or US-5464229-\$ or US-6966562-\$ or US-6561523-\$ or US-5013194-\$ or US-4900202-\$ or US-4577875-\$ or US-5845898-\$ or US-6962664-\$ or US-6926803-\$ or US-6863784-\$ or US-6669811-\$ or US-5534751-\$).did. or (US-5354413-\$ or US-5110437-\$ or US-6818096-\$ or US-4612077-\$ or US-6686302-\$).did. or (WO-2004099462-\$).did. or (SU-906648-\$ or WO-2004099462-\$).did.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/01/08 17:49
S150	65	FINK-STEVEN-T.in.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/01/08 17:50
S151	364	279/9.1.CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/01/08 17:55
S152	40	(US-20020108711-\$ or US-20040020429-\$ or US-20020150519-\$ or US-20030029567-\$ or US-20020124801-\$ or US-20050011446-\$).did. or (US-5332443-\$ or US-5262029-\$ or US-6412437-\$ or US-4900202-\$ or US-6669811-\$ or US-4523985-\$ or US-6966562-\$ or US-4612077-\$ or US-6086710-\$ or US-4577875-\$ or US-6123775-\$ or US-6936135-\$ or US-6561523-\$ or US-6818096-\$ or US-6019060-\$ or US-5464229-\$ or US-5534751-\$ or US-6962664-\$ or US-5110437-\$ or US-4522697-\$ or US-5354413-\$ or US-6910441-\$ or US-6492774-\$ or US-5845898-\$ or US-6926803-\$ or US-6863784-\$).did. or (US-5433784-\$ or US-5423936-\$ or US-5013194-\$ or US-6178919-\$ or US-6686302-\$).did. or (WO-2004099462-\$).did. or (SU-906648-\$ or WO-2004099462-\$).did.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/07/23 14:19
S153	183	("118"/\$.ccls. or "156"/\$.ccls.) and (gas with (plate or shower head)) and (bolts) and (wafer or substrate) and (quartz and ceramic and aluminum)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/07/23 14:25
S154	144	("118"/\$.ccls. or "156"/\$.ccls.) and (gas with (plate or shower head)) and (bolts) and (wafer or substrate) and (quartz and ceramic and aluminum) and electrode and plasma	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/07/23 14:54
S155	11	("5766364"   "5785796").PN. OR ("6036782").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/23 14:52
S156	2	((("6998014") or ("6444042")).PN.	USPAT	OR	OFF	2006/07/23 14:53
S157	143	("118"/\$.ccls. or "156"/\$.ccls.) and (gas with (plate or "shower head")) and (bolts) and (wafer or substrate) and (quartz and ceramic and aluminum) and electrode and plasma	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/07/23 14:55
S158	40	("118"/\$.ccls. or "156"/\$.ccls.) and "shower head" and (bolts) and (wafer or substrate) and (quartz and ceramic and aluminum) and electrode and plasma not (1-4)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/07/23 14:59
S159	64	"shower head" and (bolts) and (wafer or substrate) and (quartz and ceramic and aluminum) and electrode and plasma not (1-7)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/07/23 15:02
S160	228	(gas with plates) and (bolts) and (wafer or substrate) and (quartz and ceramic and aluminum) and electrode and plasma not (1-7)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/07/23 15:02
S161	232	(gas with plates) and (bolts) and (wafer or substrate) and (quartz and ceramic and aluminum) and electrode and plasma not (1-8)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/11/16 14:12
S162	46	(118/723e.ccls. or 118/723er.ccls. or 156/345.43-345.47.ccls.) and bolts and (aluminum and ceramic and quartz)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/07/23 15:05

# EAST Search History

S163	27	("4512283"   "4612077"   "5000113"   "5074456"   "5356515"   "5376213"   "5500256").PN. OR ("5746875").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/23 15:32
S164	1	"5845898".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/23 15:32
S165	45	(US-20020108711-\$ or US-20020124801-\$ or US-20020150519-\$ or US-20030029567-\$ or US-20040020429-\$ or US-20050011446-\$).did. or (US-6686302-\$ or US-6899786-\$ or US-4522697-\$ or US-4523985-\$ or US-4577875-\$ or US-4612077-\$ or US-4900202-\$ or US-5013194-\$ or US-5110437-\$ or US-5262029-\$ or US-5332443-\$ or US-5354413-\$ or US-5423936-\$ or US-5433784-\$ or US-5464229-\$ or US-5534751-\$ or US-6178919-\$ or US-6412437-\$ or US-6492774-\$ or US-6561523-\$ or US-6669811-\$ or US-6818096-\$ or US-6863784-\$ or US-6910441-\$ or US-6926803-\$ or US-5845898-\$).did. or (US-6019060-\$ or US-6086710-\$ or US-6123775-\$ or US-6936135-\$ or US-6962664-\$ or US-6966562-\$ or US-6066209-\$ or US-6082714-\$ or US-5746875-\$ or US-6110287-\$).did. or (WO-2004099462-\$).did. or (SU-906648-\$ or WO-2004099462-\$).did.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/11/14 12:25
S166	180	"269"/\$.cccls. and (ball with (flank or groove)) and spring	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/11/16 11:46
S167	10	("2415259"   "4298195"   "4647027"   "4794687"   "4928939").PN. OR ("5816986").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/14 14:45
S168	2	"6101888".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/16 11:44
S169	415	"279"/\$.cccls. and (ball with (flank or groove)) and spring	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/11/16 11:47
S170	11	("3152811"   "3551974").PN. OR ("3684303").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/16 13:02
S171	1	"5746875".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/16 13:02
S172	28	("4512283"   "4612077"   "5000113"   "5074456"   "5356515"   "5376213"   "5500256").PN. OR ("5746875").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/16 13:04
S173	28	("4512283"   "4612077"   "5000113"   "5074456"   "5356515"   "5376213"   "5500256").PN. OR ("5746875").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/16 13:54
S174	56	("4277304"   "4340462"   "4534816").PN. OR ("4612077").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/16 13:56
S175	29	("4590042"   "4612077"   "4612432"   "4780169"   "5006220"   "5074456"   "5180467"   "5248371"   "5445699"   "5449410").PN. OR ("5589002").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/16 14:04
S176	121	((gas with plates) or (showerhead)) and (bolts) and (wafer or substrate) and (first adj1 electrode) and plasma not 1-8	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/11/16 14:34
S177	29	((gas with plates) or (showerhead)) and (nuts) and (wafer or substrate) and (first adj1 electrode) and plasma not 1-8	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/11/16 14:38
S178	29	((gas with plates) or (showerhead)) and (nuts) and (wafer or substrate) and (first adj1 electrode) and plasma not 1-9	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/11/16 14:35

## EAST Search History

S179	229	((gas with plates) or (showerhead)) and (nuts) and (wafer or substrate) and electrodes and plasma not 1-10	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/11/16 14:38
S180	137	((gas with plates) or (showerhead)) and (nut and bolt) and (wafer or substrate) and electrodes and plasma not 1-10	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/11/16 14:38
S181	5	("5387777"   "5795399"   "6214706"   "6427622").PN. OR ("6866744").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/16 14:50
S182	54	(US-20040020429-\$ or US-20050011446-\$ or US-20020124801-\$ or US-20030029567-\$ or US-20020108711-\$ or US-20020150519-\$ or US-20030185729-\$).did. or (US-4523985-\$ or US-4522697-\$ or US-5262029-\$ or US-6412437-\$ or US-5423936-\$ or US-6936135-\$ or US-6910441-\$ or US-6899786-\$ or US-5332443-\$ or US-5433784-\$ or US-6492774-\$ or US-6178919-\$ or US-6669811-\$ or US-6863784-\$ or US-6019060-\$ or US-4612077-\$ or US-5845898-\$ or US-5534751-\$ or US-6926803-\$ or US-5464229-\$ or US-6123775-\$ or US-6966562-\$ or US-6561523-\$ or US-5013194-\$ or US-4900202-\$ or US-4577875-\$).did. or (US-5354413-\$ or US-6962664-\$ or US-5110437-\$ or US-6818096-\$ or US-5746875-\$ or US-6686302-\$ or US-6110287-\$ or US-6082714-\$ or US-6066209-\$ or US-5816986-\$ or US-3684303-\$ or US-5662442-\$ or US-3152811-\$ or US-5783023-\$ or US-5589002-\$ or US-6251758-\$ or US-6866744-\$).did. or (WO-2004099462-\$ or GB-2137122-\$).did. or (WO-2004099462-\$ or SU-906648-\$).did.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/11/16 14:53
S183	5	("4612077"   "5422139").PN. OR ("5783023").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/16 15:04
S184	206	(118/723e.ccls. or 118/723er.ccls. or 156/345.43-345.47.ccls.) and bolt	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/16 15:22
S185	46	S184 and (aluminum and ceramic and quartz)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/11/16 15:27
S186	2	("20020150519").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/11/16 15:27
S187	11	("5074456"   "5268034"   "5423936"   "5593540"   "5766364"   "5888907"   "5997649"   "6019848"   "6073577"   "6110556"   "6148761").PN. OR ("6818096").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/16 15:43
S188	21	("5595606"   "5653806").PN. OR ("5766364").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/16 15:50